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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

spona to a	collection of inform	ation unless it displays a valid OMB contr	or number.
Attorney	Docket No.	1875.1760001	5
First Inv	entor	Jes THYSSEN	PT
Title		citation Quantization in a Noise Fee	edback .

			PPLICATION ELE		ADI	ORE	SS TO:	Assistant Comm Box Patent Appl Washington, DC	ıcation	or Patents	3101		
	1. ⊠ 2. □	(Submit an o	mittal Form (e.g., PTO/S riginal, and a duplicate for fee claims small entity state R 1.27.	e processing)	 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) 								
	3. 🛚	Specification [Total Pages 108] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure				b. Specification Sequence Listing on: i.							
	4. 🛛	Drawings ath or Declarati		al Sheets $\frac{36}{2}$] al Pages	.		(when there is	3(b) Statement s an assignee) nslation Document	_	wer of Attorney			
te mare contra	5. U	a. 🛛 Newly	executed (original or c	ору)			Information		П С₀	pies of IDS ations			
Harry Harry Spring Street Street Spring Spri	6. 🏻	i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).				 13. ☐ Preliminary Amendment 14. ☒ Two (2) Return Receipt Postcards (MPEP 503) (Should be specifically itemized) 15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must at form PTO/SB/35 or its equivalent. 17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3) ☒ Other: The name of the assignee is: Broadcom Corporation 						it attach	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendmen or in an Application Data Sheet under 37 CFR 1.76 Continuation Divisional Continuation-in-Part (CIP) of prior application No:/ Prior application information: Examiner Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied unconsidered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporate be relied upon when a portion has been inadvertently omitted from the submitted application parts.									n is supplied unde	er Box 5 tion <u>can</u>	b, is only		
				19. CORRESPO	NDEN	ICE	ADDRESS						
	Ø		ber or Bar Code Label No. 26111	261 PATENT TRADEM									
	NAM	ME .	Sterne, Kessler, Attorneys at Law	Goldstein & Fox p.ll.c.									
	NAME (Print/Type) Albert J. Fasulo, II						Registration No. (Attorney/Agent) 43,607 Date February 28, 2002						
		NATURE		take 0.2 hours to complete. Time w	ill vary d	lenend	ing upon the ne	eeds of the individual					





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February 28, 2002

WRITER'S DIRECT NUMBER: (202) 312-7261 INTERNET ADDRESS: AFASULO@SKGF.COM

Box: Patent Application

Commissioner for Patents Washington, D.C. 20231

> Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. To Be Assigned; Filed: Herewith

Efficient Excitation Quantization in a Noise Feedback Coding System

Using Correlation Techniques

Inventors:

Jes THYSSEN et al.

Our Ref:

1875.1760001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
- 3. U.S. Utility Patent Application entitled:

Efficient Excitation Quantization in a Noise Feedback Coding System Using **Correlation Techniques**

and naming as inventors:

Jes THYSSEN

Juin-Hwey CHEN

the application consisting of:

a. A specification containing:

Sterne, Kessler, Goldstein & Fox PLIC : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 { 202.371.2540 : www.skgf.com

Commissioner for Patents February 28, 2002 Page 2

- i. 92 pages of description prior to the claims;
- ii. <u>15</u> pages of claims (<u>44</u> claims <u>6</u> Independent);
- iii. a one (1) page abstract;
- b. <u>36</u> sheets of drawings: (Figs. <u>1, 1A, 2, 2A, 3-5, 5A, 6, 6A, 6B, 7-12, 13A-13E, 14A-14E, 15A, 15B, 16A, 16B, 17-21);</u>
- c. An original executed Declaration; and
- d. An Application Data Sheet (37 C.F.R. § 1.76).
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 5. Recordation Form Cover Sheet;
- 6. An original executed Assignment to **Broadcom Corporation**, recordation of which is hereby respectfully requested;
- 7. An original executed Power of Attorney from Assignee;
- 8. A Certificate Under 37 C.F.R. § 3.73(b) from Assignee with a copy of the Assignment attached;
- 9. Two (2) return postcards; and
- 10. Our check no. 34145 for \$1,464.00 to cover:

\$740.00 Filing fee for patent application;

\$684.00 Fee for excess claims; and

\$_40.00 Assignment recordation fee.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Commissioner for Patents February 28, 2002 Page 3

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert J. Fasulo, II Attorney for Applicants

allen fasilite

Registration No. 43,607

Enclosures

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

	Application Number	To Be Assigned Herewith Jes THYSSEN					
	Filing Date						
	First Named Inventor						
	Examiner Name	To Be Assigned To Be Assigned					
	Group Art Unit						
	Attorney Docket No.	1875.1760001					

Complete if Known

TOTAL AMOUNT OF PAYMENT (\$ 1,464.00						Attor	ney Docket No.	187	75.1760001	
METHOD OF PAYMENT (check one)						FEE	CALCULATIO	N (continued)		
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Deposit Account Number 19-003			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			Fee paid
Deposit Account Name Sterne,	Kessler, Goldstein & F	Fox P.L.L.C.	105	130	205	65	Surcharge - late fili	ng fee or oath		
Charge Any Addition	al Fee Required		127	50	227			rcharge - late provisional filing fee or cover sheet		
Under 37 CFR §§ 1.1	16 and 1.17		139	130	139	130	Non-English spe	cification		
Applicant claims sma See 37 CFR 1.27	all entity status	:	147	2,520	147	2,520	For filing a reque	st for <i>ex parte</i> re	eexamination	
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\$			141	1,280		640	Petition to revive	e - unintentional		
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			144	620	244	310	Plant issue fee			
			122	130	122	130	Petitions to the	Commissioner		
2. EXTRA CLAIM FEES	Fee fron	n E D-i-i	123	130) 123	3 130	Petitions related to provisional applications			
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SUBMITTED BY Name (Print/Type)			Registrat (Attorney/Ag	ion No.	43,607	Telephone	202-371-260	00		
Name (PrintType) Albert J. Fasulo, II Signature CWEVY Town II									February 2	8, 2002

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